

DURHAM RURAL DISTRICT COUNCIL

1 9 5 1

A N N U A L R E P O R T

of

M E D I C A L O F F I C E R

of H E A L T H.



W. Aitchison, M.C., M.A.,
B.Sc., M.B., Ch.B., D.T.M & H.,
D.P.H.

DURHAM RURAL DISTRICT COUNCIL

Health Department,
Byland Lodge,
Durham.

To the Chairman and Members of the
Durham Rural District Council.

Gentlemen,

I have the honour to present the Annual Report on the Health and Sanitary circumstances for the year 1951.

The review of the Health and Vital Statistics for 1951 is very satisfactory. The Birth Rate is 17.64 per thousand of the population compared with 15.5 per thousand for England and Wales. The total number of Deaths assigned to this District was 397 corresponding to a Death Rate of 11.82 per thousand, compared with 12.5 per thousand for England and Wales. Cardio-vascular disease accounted for 32% and Cancer in various forms for 11% of all deaths.

One case of Diphtheria confirmed during the year gives further tribute to the great value of immunisation. The great drop in the ravages of this disease throughout the whole country during the past few years is surely the most convincing proof of the value of immunisation, yet parents as a whole seem to have forgotten the dreadful toll that Diphtheria has taken from the children in the past, for let us look at the figures of immunisation for a moment. At the most vulnerable period in a child's life, under five years of age, only 29% of the child population are protected in this District, compared with 85% between the ages of 5 and 16. I appeal most earnestly to the parents of the Durham Rural District to give this matter their most serious consideration and thereby avoid an almost certain tragedy in the very near future.

I take this opportunity of thanking the Members of the Council for their support during my year of office. Thanks are also due to my colleagues on the Council Staff and also to the Sanitary Inspector, Mr. Taylor, and to the Chief Clerk, Mr. Wilson and their staffs in the Health Department for their loyal help and co-operation throughout the year and for their assistance in the preparation of this Report.

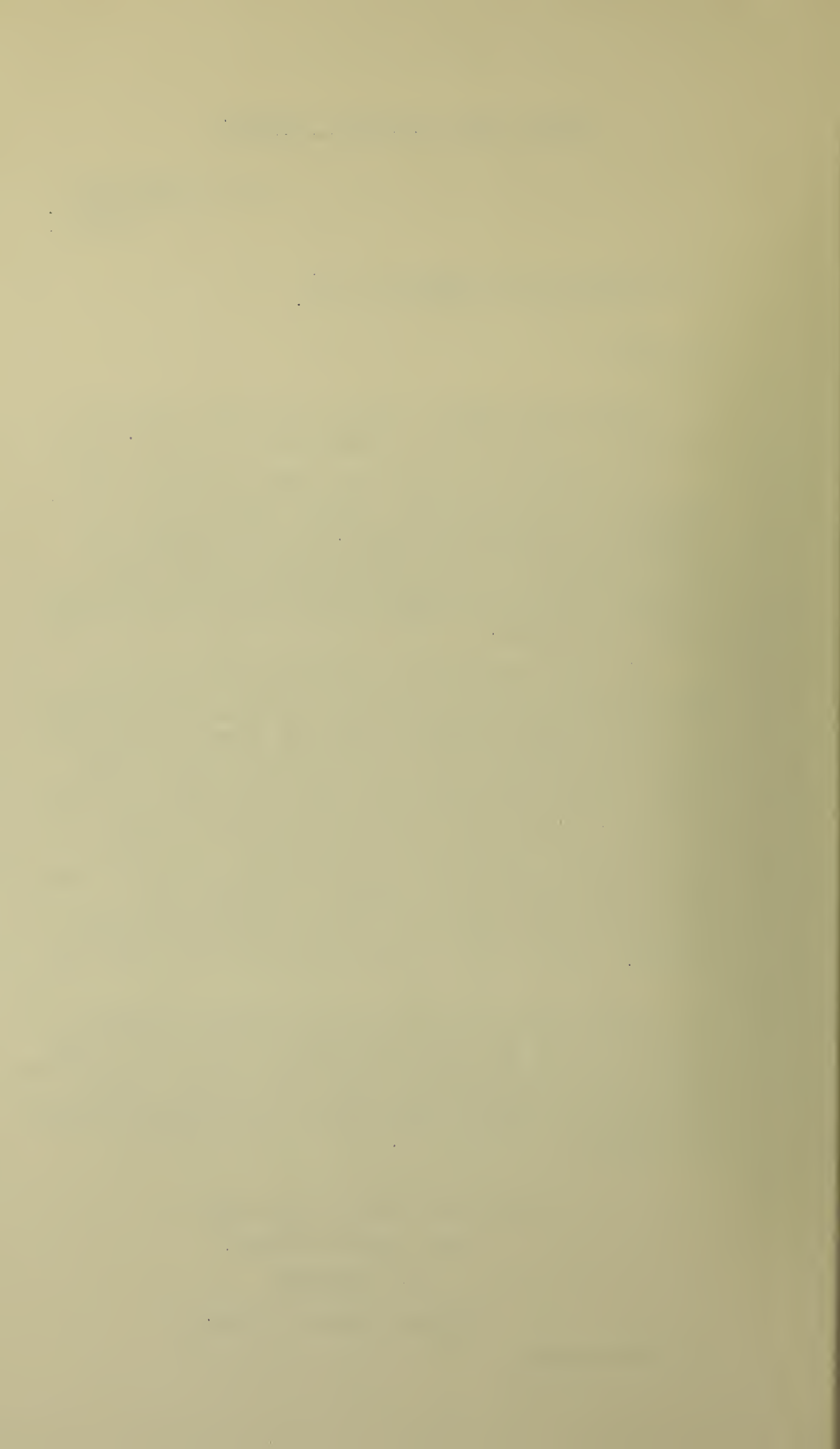
I have the honour to be, Sirs,

Your obedient Servant,

W. AITCHISON

Medical Officer of Health.

7th October, 1952.



SUMMARY OF VITAL STATISTICS

Area in Acres	34,587
Population (Registrar General's Mid-June estimate) ...	33,560
No. of inhabited houses (1951) according to rate books	9,544
Rateable Value	£125,897
Sum represented by a penny rate	£453.9.2.

LIVE BIRTHS:

	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Rate per</u> <u>1,000 of</u> <u>pop.</u>	<u>Rate for</u> <u>England</u> <u>& Wales</u>
Legitimate	569	278	291	17.64	15.5
Illegitimate	23	14	9		
	<hr/> 592	<hr/> 292	<hr/> 300		

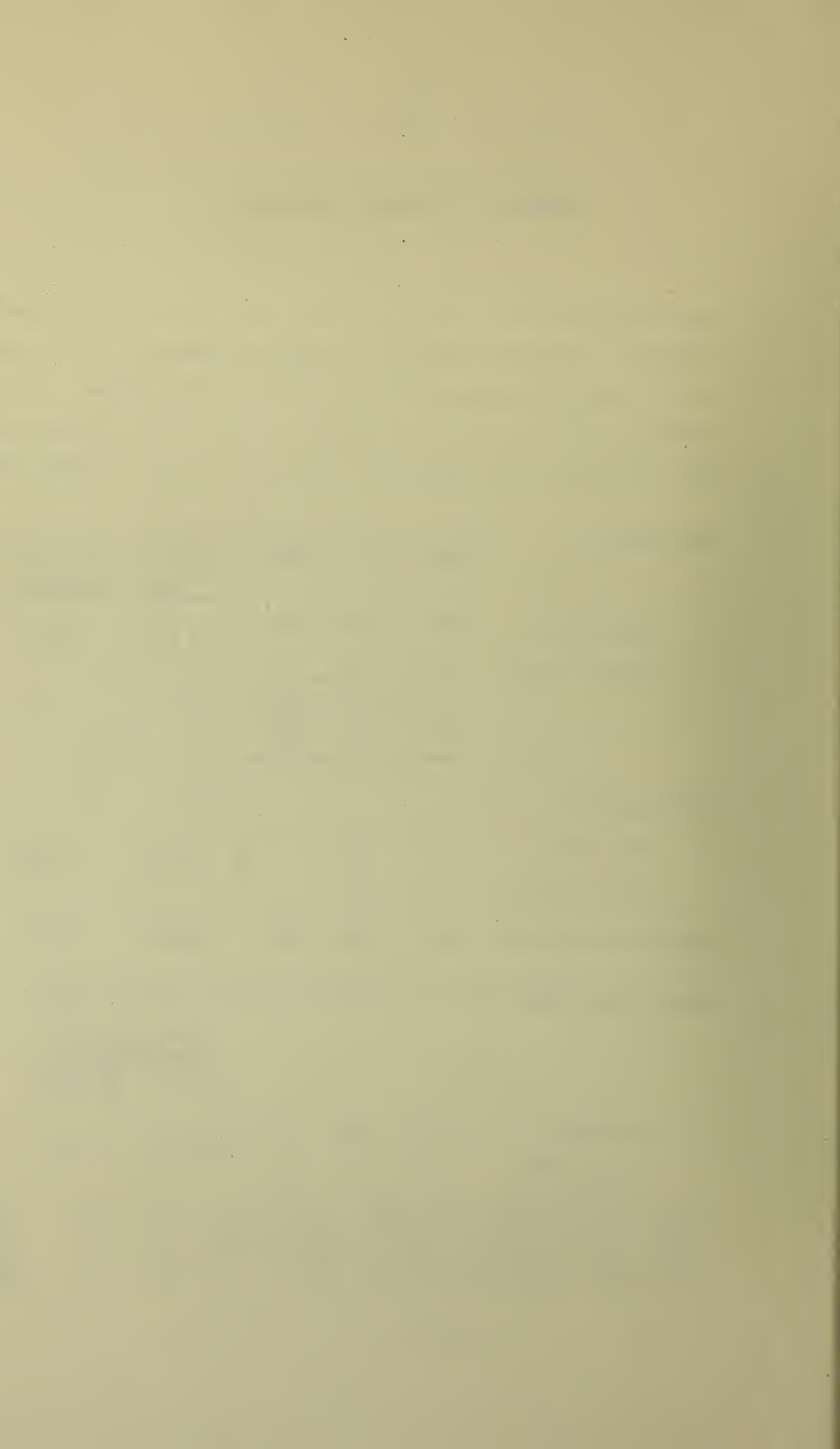
STILL BIRTHS:

Legitimate	11	5	6	0.32	0.36
Illegitimate	-	-	-		

<u>DEATHS:</u> (All Causes)	397	209	188	11.82	12.5
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INFANT MORTALITY: (Deaths of children under 1 year of age.)

				<u>Rate per 1,000</u> <u>Live Births</u> <u>D.R.D.C. England</u> <u>& Wales</u>	
Legitimate	26	12	14	47.29	29.6
Illegitimate	2	-	2		
Deaths from Measles (All Ages)	...	...	...	...	0
Deaths from Whooping Cough (All Ages)	...	...	...	...	1
Deaths from Diarrhoea (Under 2 years of age)	...	...	...	...	1
Deaths from Cancer (All Ages)	...	...	...	...	59.
Deaths from Tuberculosis (All Ages)	...	...	...	...	18



Birth Rate, Death Rate, Analysis of Mortality, Maternal Death-rate and Case Rates for Certain Infectious Diseases in the Year 1951

	England & Wales	Durham R.D.C.
	Rates per 1,000 population	
<u>Births:</u>		
Live	15.5	17.64
Still	0.36	0.32
<u>Deaths:</u>		
All Causes	12.5	11.82
Typhoid and Paratyphoid	0.00	0.00
Whooping Cough	0.01	0.02
Diphtheria	0.00	0.00
Tuberculosis	0.31	0.53
Influenza	0.38	0.24
Smallpox	0.00	0.00
Acute Poliomyelitis (including polioencephalitis)	0.00	0.00
Pneumonia	0.61	0.71
<u>Notifications (corrected):</u>		
Typhoid Fever	0.00	0.00
Paratyphoid Fever	0.02	0.00
Meningococcal Infection	0.03	0.05
Scarlet Fever	1.11	1.72
Whooping Cough	3.87	3.75
Diphtheria	0.02	0.02
Erysipelas	0.14	0.04
Smallpox	0.00	0.00
Measles	14.07	10.01
Pneumonia	0.99	1.32
Acute poliomyelitis (including polioencephalitis) - Paralytic	0.03	0.00
Non-paralytic	0.02	0.02
Food Poisoning	0.13	0.00
	Rates per 1000 live births	
<u>Deaths:</u>		
All causes under 1 year of age	29.6	47.29
Enteritis and diarrhoea (under 2 yrs of age)	1.4	0.90
	Rates per 1,000 live & still births	
<u>Notifications (corrected):</u>		
Puerperal fever and Pyrexia	10.66	6.72

Maternal Mortality:

International List number and causes	England & Wales	Durham R.D.C.
	Rates per 1,000 total (live & still) births	
All15 Sepsis of pregnancy, childbirth and the puerperium	0.10	0.00
All16 (Abortion with toxæmia (Other toxæmias of pregnancy and the puerperium	0.00	0.00
All17 Haemorrhage of pregnancy and childbirth	0.24	0.00
All18 Abortion without mention of sepsis or toxæmia	0.13	0.00
All19 Abortion with sepsis	0.05	0.00
All20 Other complications of pregnancy, childbirth and the puerperium	0.09	0.00
	0.18	0.00

Individual Causes of Death

	Male	Female
Tuberculosis - respiratory	6	8
Tuberculosis - other	1	3
Syphilitic disease	-	-
Diphtheria	-	-
Whooping Cough	-	1
Meningococcal infections	-	-
Acute poliomyelitis	-	-
Measles	-	-
Other infective and parasitic diseases	1	-
Malignant neoplasm of stomach	9	10
Malignant neoplasm of lung & bronchus	2	-
Malignant neoplasm of breast	-	4
Malignant neoplasm of uterus	-	5
Other malignant & lymphatic neoplasms	23	6
Leukaemia, aleukaemia	3	-
Diabetes	-	1
Vascular lesions of nervous system	20	21
Coronary disease - angina	24	16
Hypertension with heart disease	7	6
Other heart disease	33	32
Other circulatory diseases	7	1
Influenza	4	5
Pneumonia	12	12
Bronchitis	8	13
Other diseases of respiratory system	4	4
Ulcer of stomach and duodenum	6	1
Gastritis, enteritis and diarrhoea	1	-
Nephritis and nephrosis	3	3
Hyperplasia of prostate	1	-
Pregnancy, childbirth and abortion	-	-
Congenital malformation	-	2
Other defined and ill defined diseases	25	28
Motor vehicle accidents	2	-
All other accidents	6	5
Suicide	1	1
Homicide and operations of war	-	-
All Causes	209	188

Infantile Mortality During the Year 1951

Causes of Death	Under 1 wk	1-2 wks	2-3 wks	3-4 wks	Total under 1 mth	1-3 mth	3-6 mth	6-9 mth	9-12 mths	Total
Convulsions	1				1		1			2
Gastroenteritis									1	1
Bronchitis (acute)						1				1
Pneumonia (primary)						1				1
Bronchopneumonia						3	2	2		7
Prematurity	6	3			9					9
Intra cranial haemorrhage	1				1					1
Asphyxia	2				2					2
Congenital anemia						1				1
Tumor of Ear	1				1					1
Haematemesis	1				1					1
Shock when burnt to death							1			1
Totals	12	3	-	-	15	6	4	2	1	28

Vital Statistics of the District for 1951 and previous Years
Comparative Table with England and Wales for past ten years.

Year	Birth Rate per 1,000 population		Death Rate per 1,000 population		Infant Mortality Rate per 1,000 Live Births	
	England & Wales	Durham R.D.C.	England & Wales	Durham R.D.C.	England & Wales	Durham R.D.C.
1942	15.8	19.0	11.6	10.9	49	42
1943	16.5	19.43	12.1	11.04	49	56
1944	17.6	20.47	11.6	11.43	46	66
1945	16.1	18.92	11.4	11.38	46	44
1946	19.6	22.57	11.5	10.6	43	50
1947	20.5	21.47	12.0	11.31	41	44
1948	17.9	18.04	10.8	9.81	34	64
1949	16.7	17.65	11.7	11.87	32	50
1950	15.8	15.16	11.6	10.56	29.8	31.12
1951	15.5	17.64	12.5	11.82	29.6	47.29

VITAL STATISTICS

Birth-rate: During the year 592 births were registered, 292 being males and 300 females. Of these 23 were illegitimate.

The birth-rate of 17.64 per 1,000 of the population compares favourably with that for England and Wales, which was 15.5 per 1,000 of the population and is an improvement on the previous year when the rate was 15.16, the lowest on record. The rate for the Administrative County of Durham was 17.6.

Death-rate: The general death-rate of 11.82 per 1,000 of the population was slightly higher than that for 1950 when it was 10.56 per 1,000 of the population, but it was lower than that of England and Wales and also Durham County where the rates were 12.5 and 12.4 per 1,000 of the population, respectively.

Infantile Mortality Rate: The rate for this area in 1951 was 47.29 per 1,000 live births. This rate is still considerably above that for England and Wales which was 29.6 per 1,000 live births. The rate for the Administrative County of Durham was 42.0 per 1,000 live births.

Twenty-eight children died before reaching one year of age. Of these 12 died under the age of 1 week and three under 2 weeks, the primary cause of death being Prematurity in 9 cases, Asphyxia in 2 cases, whilst Convulsions, Intra-cranial haemorrhage, Tumor of Ear and Haematemesis accounted for one death each.

Of the 13 who died between 1 month and 12 months of age, seven died from Bronchopneumonia and one each from Convulsions, Gastroenteritis, Acute Bronchitis, Primary Pneumonia, Congenital Anaemia and Shock when burnt to death.

Maternal Mortality: It is again pleasing to report no maternal deaths during the year.

Individual Causes of Death: Heart diseases again proved to be the greatest cause of death with 126 deaths registered. This is 15 fewer than for the previous year.

Deaths from Cancer showed an increase from 43 in 1950 to 59 in 1951.

Deaths from all types of Tuberculosis were 18, an increase of 2 over the previous year.

SECTION A

Natural and Social Conditions

Area - (In Acres) 34,587. The District consists of eighteen Parishes surrounding the City of Durham, with Coal Mining and Agriculture as the main industries.

Population - The Registrar General has estimated the population for the mid-year 1951 to be 33,560, a decrease of 340 from the total of the previous year.

Number of Inhabited Houses - According to the Rate Books the number of inhabited houses in the District is 9,544 the Rateable Value being £125,897. The sum represented by a Penny Rate is £453. 9s. 2d.

SECTION B

General Provision of Health Services.

1. Medical Officer of Health Dr. W. Aitchison, M.C.,
M.B., M.A., Ch.B., D.T.M & H., D.P.H., B.Sc.

2. Sanitary Inspectors

Chief Sanitary Inspector A.C. Taylor, M.S.I.A.,
C.R.San.I.

Sanitary Inspectors - W.C. Brewer, C.R.San.I.,
Dip.R.I.P.H.H.

A.R. Moorhouse,
M.S.I.A., C.R.San.I.

Clerk A. Wilson.

Clerk/Typist Miss M. E. Walton.

The Sanitary Inspectors possess the Diploma of the Royal Sanitary Institute and the Certificate for the Inspection of Meat and Other Foods.

National Health Service Act, 1946 Local Health Services under Part III

a. The care of expectant mothers, nursing mothers and young children is administered by the County Council of Durham as are the domiciliary midwifery, health visiting, home nursing, ambulance and domestic help services.

Arrangements for vaccination and immunisation and for the prevention of illness, care and after care are also carried out by the County Council of Durham.

b. Dental treatment of expectant and nursing mothers and young children is carried out by the County Council.

Mental Health: The County Council is also responsible for the administration of the Mental Health Service.

National Assistance Act, 1948, Section 47.
Removal to suitable premises of persons in
need of care and attention.

During 1951 it was found necessary to take action to have an aged lady who was incapable of looking after herself, removed to Ivy House Hostel, Sedgefield. Several attempts were made to persuade her to enter the Hostel volutarily but without success.

A Justices Order was obtained in September for her removal to Ivy House for a period of three weeks. A further Order was made on the 10th October for her continued detention for a period of three months.

At first this old lady seemed to improve both physically and mentally, but on the 25th October, she was removed to Sedgefield General Hospital after her health had rapidly deteriorated, and she failed to rally and passed away in the Hospital.

Food Poisoning.

There were no cases of food poisoning during the year.

Byelaws under Section 15 of the Food & Drugs Act, 1938.

Byelaws under this Section which came into operation on 8th August 1950, were followed up by a complete survey and inspection of all the food shops in the District. Each shop was provided with a copy of the Byelaws.

SECTION C

Sanitary Conditions of the District

WATER SUPPLY

(1) The supply of water throughout the area has been satisfactory in quality and quantity and a piped supply from the Durham County Water Board's mains has now been completed in respect of most of the houses in Ludworth.

(2) Examinations are carried out automatically by the Durham County Water Board and in the case of Shadforth supply by the Easington Council.

(3) Precautions against contamination by lead are also taken by the Durham County Water Board.

(4) Following complaints regarding the quality of water at Sherburn Hill and Littleton, samples were submitted to the Public Health Laboratory and were found to be unsatisfactory. The complaint was immediately investigated with the Durham County Water Board. The matter was speedily remedied.

Samples taken from a tap piped to a spring at Witton Gilbert were proved to be unsatisfactory. Precautions were taken and subsequent samples showed the water to be satisfactory in quality.

Altogether 46 samples of water were taken by the Sanitary Inspectors and with the exception of the above mentioned all proved to be satisfactory.

(5) The whole of the properties in the District are supplied from public water mains with the exception of a few outlying farms and cottages which have private supplies. There are no stand pipes in the District.

SEWERAGE

Framwellgate Moor Sewage Disposal Works.

A revised estimate for £12,130 for extensions to the above works has been submitted to the Ministry of Housing and Local Government, but no approval for this figure or any grant has yet been received.

Sherburn Sewage Disposal Works.

The Ministry of Housing and Local Government has provisionally allocated a lump sum of £9,000 towards the cost of this scheme under the Rural Water Supplies and Sewerage Act.

Coxhoe and Bowburn Sewage Disposal Works.

At the request of the Ministry an outline of the above scheme has been published in the local press, and it is expected that the Minister will hold an informal inquiry.

Bearpark.

The old foul sewer outfall to the Bearpark Sewage Disposal Works has been disconnected and connection made to the main sewer to the modern Aldin Grange Works.

Witton Gilbert.

Work on the reconstruction of the existing sewer to relieve flooding has been commenced.

West Rainton.

The sewer to the houses in Carr Row has been re-laid to facilitate privy conversions.

Brasside.

The filter bed has been reconstructed following collapse due to colliery subsidence.

General:

Painting and repairing of fittings and machinery has been carried out where necessary. Sludge beds have been re-ballasted and everything possible has been done to maintain a high standard of effluent from the various sewage disposal works in the District. Improvements to sewers and works are constantly under consideration.

SANITARY INSPECTION

Below is a summary of work done in the Sanitary Inspectors' Department during the year.

<u>I Public Health Acts</u>	No. of informal notices	No. of formal notices	No. of nuisances abated
Dwelling (Foul conditions	3		2
houses (Structural defects	73		41
(Overcrowding	20		
Ashpits and Privies	5		
Deposits of Refuse & Manure	3		3
Waterclosets	12		11
Defective Yard Paving	32		30
House drainage	13		11
Smoke nuisances	1		1
Other nuisances	2		1
Defective Ash Bins	335		335
Privy Conversions	73	114	95.x.
Dangerous Buildings	4		3
Scullery Sinks	22	108	12
	598	222	545

.x. 27 from notices served previous year.

II Water, Food and Drugs.

Samples of Water taken for Analysis.....46
 Seizures of Unwholesome Food.....575
 Samples of Food and Drugs taken for Analysis....7

III Precautions against Infectious Disease.

Lots of Infectious Bedding stoved or
 destroyed.....139
 Houses disinfected after Infectious disease....85

IV General.

Number of new houses erected during year.....286
 Number of such houses occupied during year.....286
 Ashpit privies converted into water-closets.....24
 Ash-closets converted into water-closets.....44
 Total number of water-closets in district.....7,659
 Total number of ash-closets in district.....1,203
 Total number of ash-pit privies in district.....69

Disinfection.

Disinfection by means of gaseous and liquid disinfectants was carried out in homes where infectious disease was notified.

Disinfestation.

In 54 cases disinfestation of premises was carried out following complaints of their verminous condition.

Closet Accommodation.

Eighty-seven per cent of the houses in the District were on water-carriage system. At the end of 1951 there were still 1272 ash closets in the District and of these 438 were found to be convertible to water closets. The remaining ash closets were in houses which are scheduled for demolition, or houses in outlying parts of the district.

Collection and Disposal of Refuse.

The removal of house refuse was carried out by direct labour in all Parishes with the exception of Brancepeth, Sunderland Bridge, Hett and Garmondsway.

To carry out this work 36 men were normally employed consisting of:- one mechanic, one mechanic's assistant; 8 driver-fillers and 36 labourer-fillers.

A fleet of eight Karrier refuse collecting vehicles was used for the collection and disposal of refuse. The Council rent fourteen refuse tips for the disposal of the refuse and the tipping was controlled.

Approximately 9,075 houses were dealt with each week by direct labour and 469 by contract. The Council removed, on a rechargeable basis, trade refuse from four factories at Belmont.

Salvage.

At the beginning of February 1951 the Council resolved that salvage of waste paper be commenced and with a view to encouraging collection a bonus of 50% of the nett proceeds of paper sold be paid to the workmen on a flat rate. In November 1951 the Council resolved that in respect of all future collections payment of bonus be at 60% of the nett proceeds from the sale of waste paper.

	Weights			Receipts			Expenses		
	Tons	cwts	qrs	£.	s.	d.	£.	s.	d.
Mixed Paper	11	11	-	184	16	-			
Cardboard	9	6	-	176	14	-			
Books etc.	6	11	2	159	8	11			
Newspapers		12	1	15	15	8			
Baling Presses (2)							36	10	-
Baling Twine							14	16	3
Petrol							3	4	7
Sacks							4	4	-
Wages - Baling							47	17	10
Bonus to Workmen							240	13	7
Balance							189	8	4
	28	0	3	536	14	7	536	14	7

PREVENTION OF DAMAGE BY PESTS ACT, 1949
Report for Year Ended 31st December, 1951

	Type of Property				
	Local Authority	Dwelling Houses	Agri-cultural	All other	Total
1. Number of Properties in the District	41	9241	178	407	9867
2. Number of properties inspected during 1951 as a result (a) of notification or (b) otherwise	(a) -	33	1	18	52
	(b) 34	-	-	-	34
3. Number of properties (under 2) found to be infested by rats	Major -	-	-	-	-
	Minor 34	23	1	18	76
4. Number of properties (under 2) found to be seriously infested by mice	-	-	-	-	-
5. Number of infested properties (under 3 & 4) treated	34	23	1	18	76
6. Number of notices served under sec.4:- (i) Treatment	-	-	-	-	-
(ii) Structural Works (i.e. Proofing)	-	-	-	-	-
7. Number of "block" control schemes carried out.....3					

During the year Rodent Control work was carried out in all parts of the District and especially at the Council's Sewage Works, Sewers and Refuse Tips. Treatments were given to private premises free of charge and also to business premises on a rechargeable basis.

SECTION D

Housing

During the year work was continued on the Council's post-war Housing Programme and at the end of the year building had progressed as shown below:-

	1946	1947	1948	1949	1950	1951	Total
Temporary Prefabs	54	12					66
Permanent Prefabs			109				109
Aireys		30	87	45			162
1 Bedroom Houses				8	24	46	78
2 Bedroom Houses	8	22	10	12	96	97	245
3 Bedroom Houses	22	68	179	198	84	103	654
4 Bedroom Houses	4	2		3	38	19	66
	88	134	385	266	242	265	1380

These houses were built in the undermentioned Parishes:-

Area	Parish	Bedrooms				Temp. Prefab	Perm. Prefab	Airey	Total	Total
		1	2	3	4					
Northern	Witton Gilbert	8	2	28		12		16	66	
	Bearpark	16	20	20				20	76	
	Pity Me		16	32					48	
	Framwellgate Mr.	10	40	72	28				150	340
Eastern	Leanside	4	30	21	9	54	35		153	
	Belmont	4		52				16	72	
	Shadforth							20	20	
	Sherburn	30	75	138	14				257	502
Southern	Kelloe		12	88	6			64	170	
	Quarrington Hill		2	16			47	8	73	
	Cassop						27	10	37	
	Croxdale							8	8	
	Bowburn	6	48	187	9				250	538
Totals		78	245	654	66	66	109	162	1380	1380

Location and Types of Houses Built in 1951

Type	Sherburn	F Gate Moor.	Bowburn	Bearpark	Witton Gilbert	Belmont	Leanside	Total
1 Bedroom	12		6	16	8	4		46
2 Bedroom	23	10	36	20	2		6	97
3 Bedroom	12	6	50	20			15	103
4 Bedroom	4	6					9	19
Totals	51	22	92	56	10	4	30	265

Housing (Cont'd)

Twenty-one houses were built by private owners during 1951.

During the year 33 demolition orders were made, making a post-war total of 159 houses condemned and 69 houses at Shincliffe Colliery were the subject of a Clearance Order. Forty three houses which had structural defects were made fit during the year.

Good progress was made in the rehousing of persons from houses subject to demolition orders, and from overcrowded properties and also double tenancies.

SECTION E

Inspection and Supervision of Food.

Regular inspections were made at the 167 food shops & 8 food factories in the District during the year by the Sanitary Inspectors.

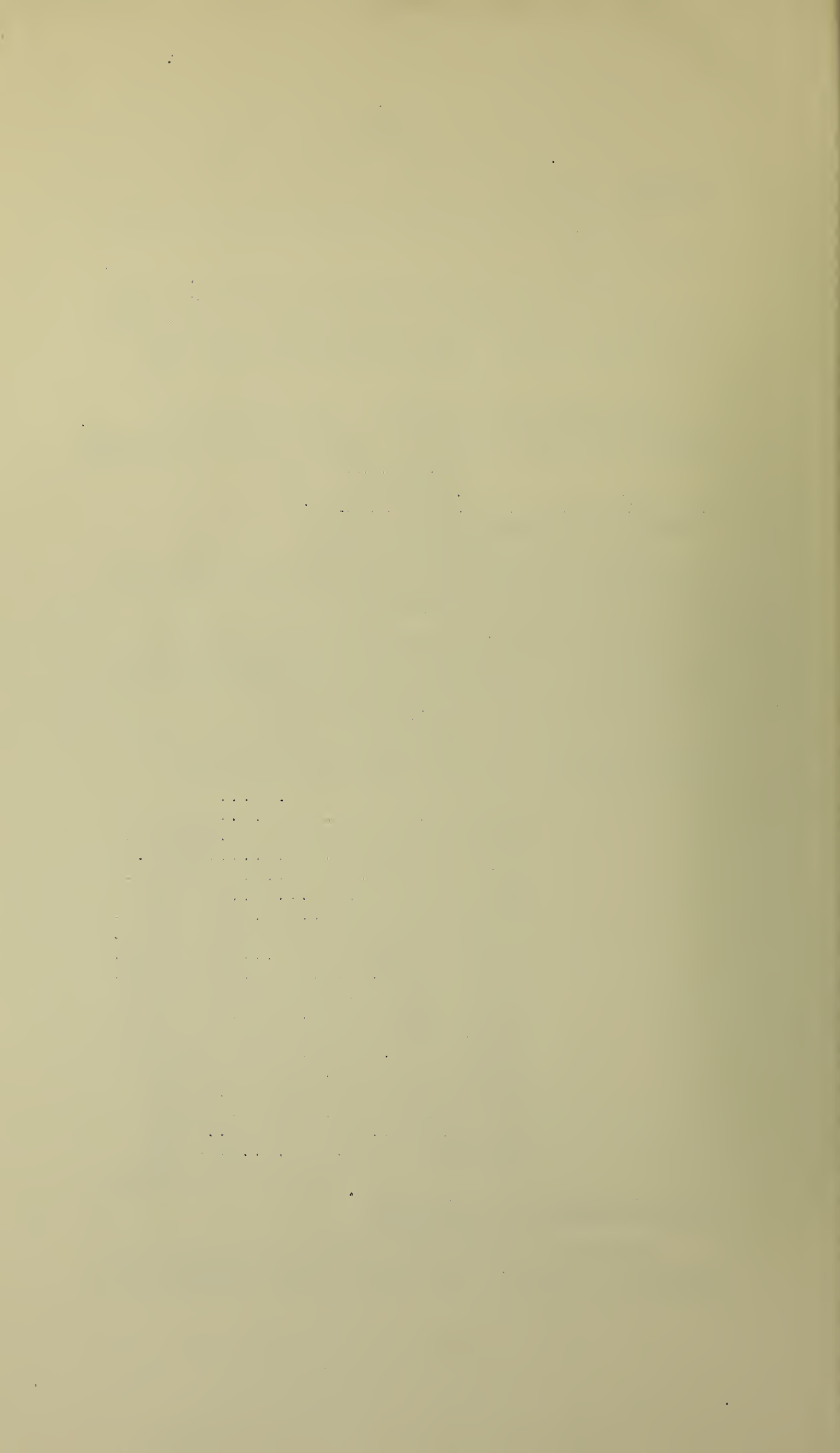
During the year Registrations were granted to the owners of 16 premises for the storage and sale of ice-cream. Seven samples of ice-cream were taken, 2 of which proved to be unsatisfactory.

The following quantities of unwholesome food were condemned during the year and voluntarily surrendered.

English Beef.....	72 $\frac{3}{4}$	lbs.
Pork.....	9 $\frac{1}{2}$	lbs.
Jellied Veal.....	28 $\frac{1}{4}$	lbs.
Bacon.....	1	lb.
Boiled Ham.....	308	lbs.
Cooked Meat.....	1	lb.
Tinned Meats.....	165	tins.
Tinned Fruits.....	155	tins.
Tinned Vegetables.....	173	tins.
Tinned Fish.....	39	tins.
Tinned Milk.....	43	tins.
Frozen Eggs.....	2	tins.
Lard.....	2 $\frac{1}{2}$	lbs.
Cheese.....	$\frac{1}{2}$	lb.
Golden Syrup.....	1	tin.
Puff Pastry.....	4 $\frac{1}{2}$	lbs.
Dried Egg.....	2	oz.
Coffee.....	1	tin.
Cod.....	3	stones.

Public Health Meat Regulations.

Fifty-one licences were issued to Slaughtermen in accordance with the requirements of the Slaughter of Animals Act, 1933.



Section F
Prevention of, and control of Infectious Disease and
other Diseases.

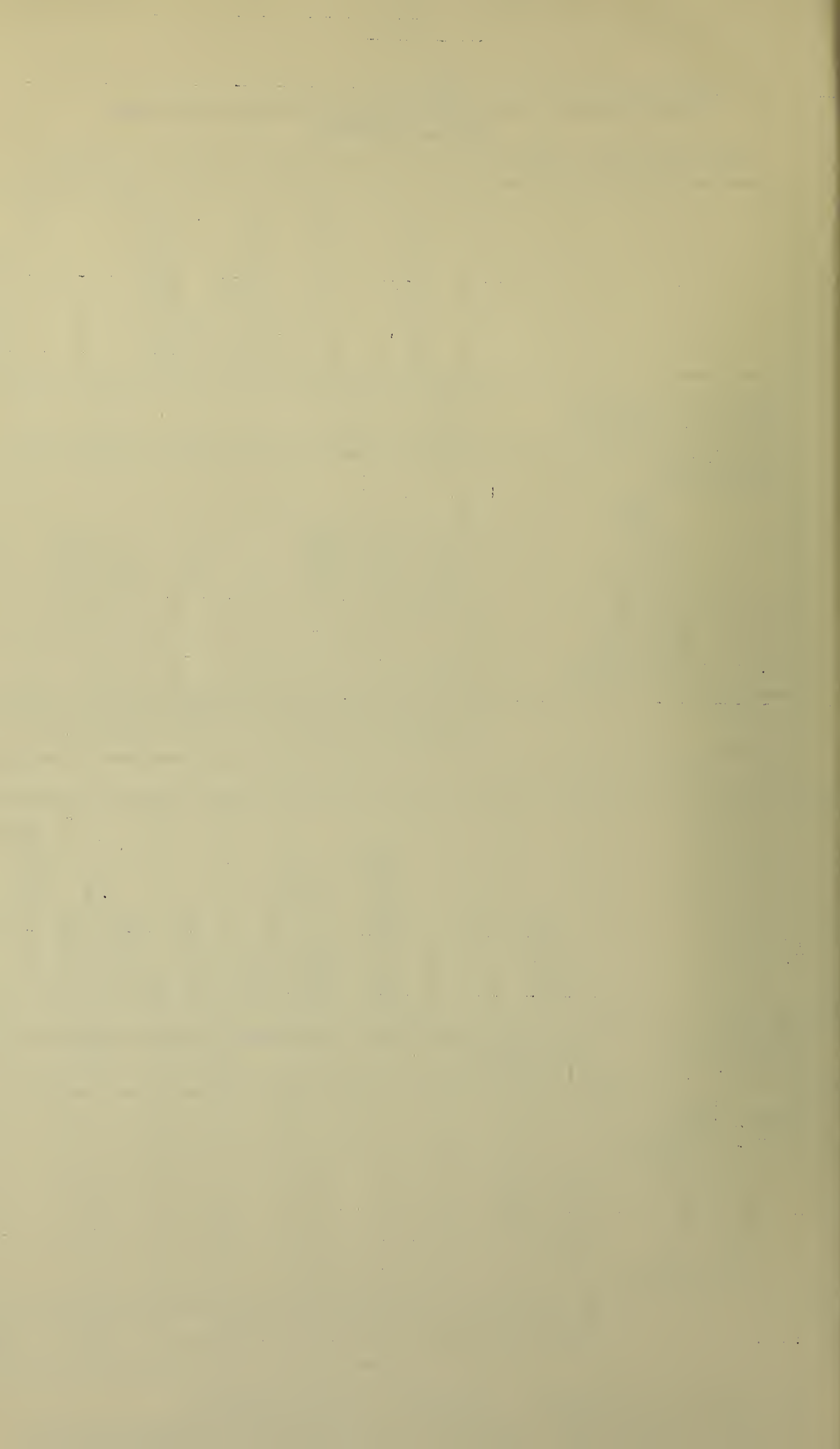
Notifications of Infectious Disease were received as follows:-

	Scarlet Fever		Whooping Cough		Acute Poliomyelitis Paralytic		Acute Poliomyelitis Non-paralytic		Measles		Diphtheria	
	M	F	M	F	M	F	M	F	M	F	M	F
Numbers originally notified, all ages	30	29	65	61	1	-	-	-	165	172	4	5
Final numbers after correction.												
<u>Yrs.</u>												
0 - 1			8	10					7	15		
1 - 3	3	2	20	28					40	39		
3 - 5	6	5	17	10			1		51	44		
5 - 10	12	16	19	12					60	67		
10 - 15	7	5							2	6	1	
15 - 25									3	1		
25 & over			1									
Age unknown	2			1					1			
	30	28	65	61	-	-	1	-	164	172	-	1

	Acute Pneumonia		Dysentery		Smallpox		Acute Encephal- itis lethargia		Enteric or Typhoid Fever		Paratyphoid Fever		Erysipelas		Food Poisoning		Meningococcal Infection		Puerperal Pyrexia		Ophthalmia Neonatorum	
Original Notifications	M 19	F 26	M 2	F 1	M	F	M	F	M	F	M	F	M 2	F	M	F	M 2	F 2	F 4	M	F	
Final numbers after correction																						
0 - 5 Yrs.																						
5 - 15	8	8																1				
15 - 25	2		1																			
25 - 45	2	5	1										1									
45 - 65	5	7																				
65 & over	2	6											1									
Age unknown																						
	19	26	2	-	-	-	-	-	-	-	-	-	2	-	-	-	1	1	-	2	-	

ø' Notified as Paralytic, confirmed as Non-paralytic.

Puerperal Pyrexia The 4 notifications from Croxdale Hall Maternity Home of persons not resident in Durham R.D.

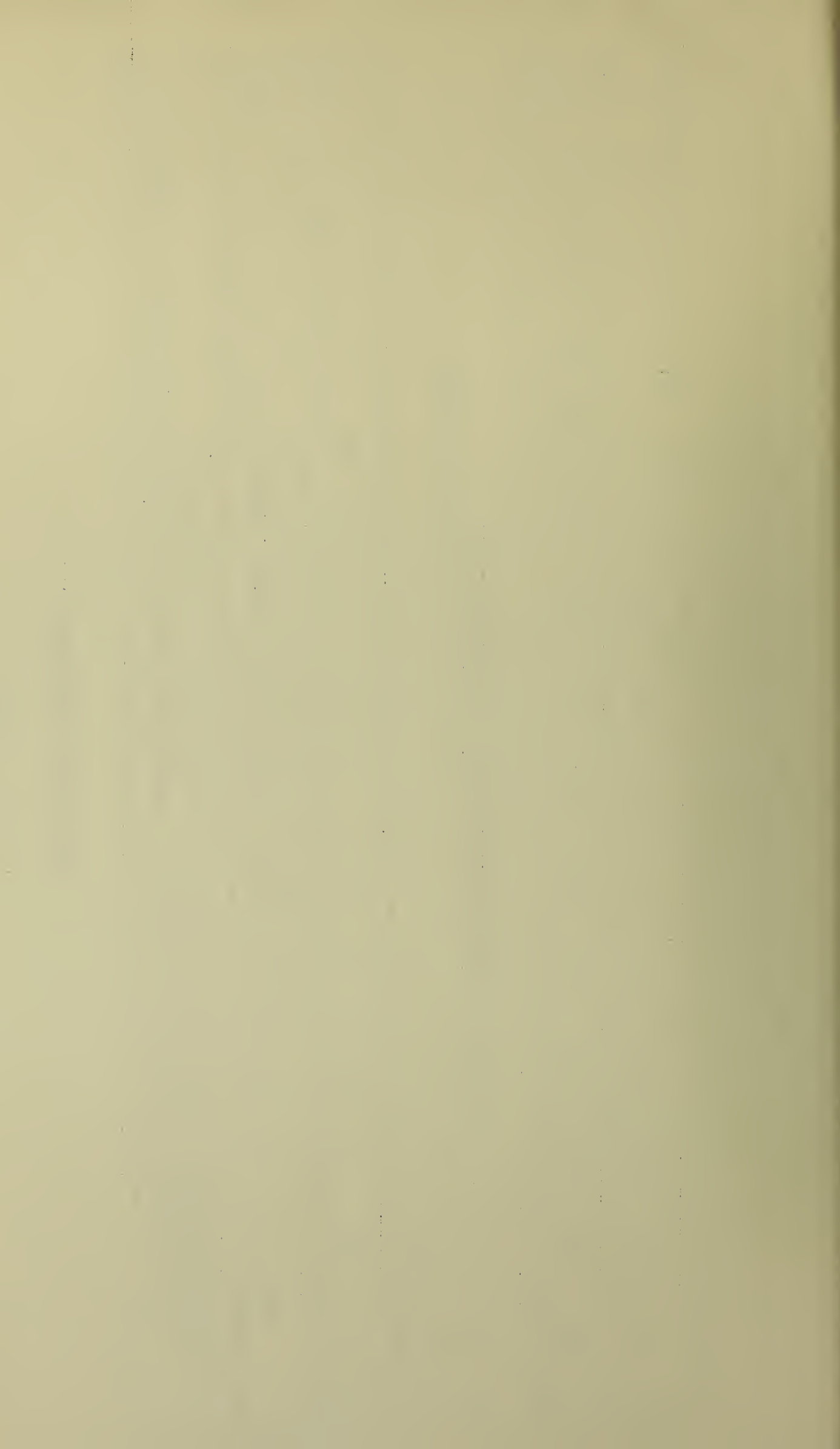


DIPHTHERIA IMMUNISATION

Child Population Mid-1951		Live Births Registered		Number and estimated percentage of mid-1951 Child population immunised up to 31st Dec., 1951				Records received during the year of full courses of primary immunisation			Records received during the year of reinforcing injections	
Under 5 yrs	5 - 15 yrs	1950	1951	under 5 yrs		5 - 15 yrs		Under 5 yrs	5 - 15 yrs	Total	0 - 15 yrs	
				No.	%	No.	%					
3040	5127	514	592	867	29	4354	85	293	32	325	108	

Number of Children who had completed a full course of immunisation
at any time up to 31st December, 1951.

Under 1 1951	1 1950	2 1949	3 1948	4 1947	5 1946	6 1945	7 1944	8 1943	9 1942	10 1941	11 1940	12 1939	13 1938	14 1937
34	187	241	237	168	244	153	766	303	559	531	477	478	384	458



TUBERCULOSIS

The following are the Mortality Rates:-

Pulmonary Tuberculosis Mortality Rate 0.41
per 1,000 population.

Non-pulmonary Tuberculosis Mortality Rate
0.11 per 1,000 population.

New Cases of Tuberculosis Notified during 1951

Ages	Pulmonary		Non-pulmonary	
	Males	Females	Males	Females
0 - 1 yr	1			
1 - 5 yrs	2		1	2
5 - 10 yrs	2	1		1
10 - 15 yrs	1	1	2	
15 - 20 yrs	2	4		2
20 - 25 yrs	4	2	2	
25 - 35 yrs	3	5	1	
35 - 45 yrs	2	2		1
45 - 65 yrs	4		1	
65 yrs and over	1			
Totals	22	15	7	6

Number of Cases of Tuberculosis on Register at
31st December, 1951.

	Pulmonary		Non-pulmonary		Total	
	Males	Females	Males	Females	Males	Females
31st Dec, 1951	89	62	33	32	122	94
31st Dec, 1950	146	130	168	145	314	275

Comparative Figure for the Notification of Tuberculosis

PULMONARY TUBERCULOSIS

Notifications

Ages	1951		1950		1949		1948		1947		1946		1945		1944	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
0 - 1 yr	1						1									
1 - 5 yrs	2		1		1		1								1	
5 - 10 yrs	2	1	3		3	2	1	1					2	3		
10 - 15 yrs	1	1	2	2	1	1			1		1		1			1
15 - 20 yrs	2	4	6	5	1	1	1	1	2	1	2	2	7		3	
20 - 25 yrs	4	2	4	2	4	4	1	1	4		2	2	1	3		1
25 - 35 yrs	3	5	6	6	3	2	3	5	1	2	7	2	3		1	1
35 - 45 yrs	2	2	3	1	2	1	3	1	2	1	1	1	3	1	2	1
45 - 65 yrs	4		5	1	4		2	1			1	1				
Over 65 yrs	1				1						1		3			
Total	22	15	30	17	19	12	11	12	10	4	13	10	19	8	7	4

NON-PULMONARY TUBERCULOSIS

Notifications

Ages	1951		1950		1949		1948		1947		1946		1945		1944	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
0 - 1 yr											1			1		
1 - 5 yrs	1	2	1	1		2	2	1	1	1			2		1	
5 - 10 yrs		1	2			1	4	2	2		1	1	2	5	2	4
10 - 15 yrs	2		2		1		2	1			1		3		2	1
15 - 20 yrs		2	1	1		1		1	1		1		1	6		
20 - 25 yrs	2						3		1	2	2	2	1	2		
25 - 35 yrs	1		1	1	1		1		1		1	1		1	1	1
35 - 45 yrs		1			1					1	1	1			1	
45 - 65 yrs	1			1									3			
Over 65 yrs																
Total	7	6	7	4	3	4	9	8	6	5	7	6	9	18	7	6

INFECTIOUS DISEASE

Scarlet Fever: There were 58 confirmed cases of Scarlet Fever notified during the year, which was an increase of 36 over the previous year. The Parishes mostly affected were Cassop-cum-Quarrington with 18 cases; Coxhoe 14, and Sherburn District 13. No deaths occurred from Scarlet Fever during the year.

Diphtheria: Only one confirmed case of Diphtheria occurred during 1951, this being from Coxhoe, and after being treated in Hospital the child affected made a complete recovery.

Measles: Measles showed a decrease from 426 notifications in 1950 to 336. No deaths occurred from this diseases.

Whooping Cough: Notifications of Whooping Cough numbered 126, an increase of 45 over last year. The cases were evenly spread over the four quaters of the year. One death was recorded.

Poliomyelitis: One case of Poliomyelitis was originally notified during the third quarter of the year. This was from Bowburn. After removal to Hospital the diagnosis was proved to be unconfirmed.

Tuberculosis: A total of 37 new cases of Pulmonary Tuberculosis was notified during 1951, 22 being males and 15 females. This was a decrease of 10 compared with the previous year.

Notifications of Non-pulmonary Tuberculosis increased by 2 from 11 in 1950, to 13 in 1951.

Fourteen deaths occurred from Pulmonary Tuberculosis giving a mortality rate of 0.41 per,1,000 of the population. Last year the rate was 0.45 per 1,000 of the population.

Four deaths were accredited to Non-pulmonary Tuberculosis, giving a mortality rate of 0.11 per 1,000 of the population, compared with a rate of 0.03 for the previous year.

There were 151 cases of Pulmonary Tuberculosis on the Register at the end of the year compared with 276 for 1950. Sixty-four cases of Non-pulmonary Tuberculosis were on record compared with 313 for the previous year.

This considerable decrease in the active list of both Pulmonary and Non-pulmonary Tuberculosis cases was brought about by a complete review of all cases (in co-operation with the County Health Department), with the result that many cases were proved to have been cured or left the District. The figure quoted above can be taken to represent the correct position at the end of the year.

ROAD TRAFFIC ACCIDENTS

Separate Statistics of Road Accidents were first compiled in 1944 and below is the yearly record to 31st December, 1951:-

	1951	1950	1949	1948	1947	1946	1945	1944
No. of Deaths	2	3	2	1	-	1	1	3

FACTORIES ACTS, 1937 AND 1948

Part 1 of the Act.

1. INSPECTIONS for purposes of provisions as to the health (including inspections made by Sanitary Inspectors.)

Premises (1)	M/c line No. (2)	No. on Regi- ster (3)	Number of			M/c line No. (7)
			Inspec- tions (4)	Written notices (5)	Occupiers prosecuted (6)	
(i) Factories in which Secs. 1, 2, 3, 4 & 6 are to be enforced by Local Authorities.	1	3	6			1
(ii) Factories not included in (i) in which Sec.7 is enforced by Local Authority.	2	53	102	17		2
(iii) Other Premises in which Sec.7 is enforced by Local Authority (excluding outworkers premises).	3					3
Total		56	108	17	-	

2. CASES IN WHICH DEFECTS WERE FOUND.

Particulars (1)	M/c line No. (2)	Number of cases in which defects were found.				No. of cases in which prosecutions were instituted (7)	M/c line No. (8)
		Found (3)	Remedied (4)	Referred to H.M. Inspector (5)	by H.M. Inspector (6)		
Want of cleanliness	4	2	2			(7)	4
Overcrowding	5						5
Unreasonable temperature	6						6
Inadequate ventilation	7						7
Ineffective drainage to floors	8						8
Sanitary Conveniences							
a. Insufficient	9	3	2				9
b. Unsuitable or defective	10	5	5				10
c. Not separate for sexes	11						11
Other offences against the Act (not including offences relating to Outwork.)	12	7	7				12
Total	60	17	16	-	-	-	60

